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Charles W. Bachman reviews his career. Born during 1924 in Kansas, Bachman attended high school in East Lansing, Michigan before joining the Army Anti Aircraft Artillery Corp, with which he spent two years in the Southwest Pacific Theater, during ...

 2 [Communications of the ACM: Volume 51 Issue 8](#)

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Flash is growing from mere curiosity to a new tier in the storage hierarchy.

 4 [Communications of the ACM: Volume 51 Issue 6](#)

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 5 [Algorithms and data structures for flash memories](#)

Eran Gai, Silvan Toledo

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Flash memory is a type of electrically-erasable programmable read-only memory (EEPROM). Because flash memories are nonvolatile and relatively dense, they are now used to store files and other persistent objects in handheld computers, mobile phones, digital ...

**Keywords:** EEPROM memory, Flash memory, wear leveling

 6 [Securing sensitive content in a view-only file system](#)

Kevin Borders, Xin Zhao, Atul Prakash

 October 2006 **DRM '06:** Proceedings of the ACM workshop on Digital rights management

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One of the most fundamental problems in computer security is protecting sensitive digital information from unauthorized disclosure. There are a number of challenges, such as spyware, removable media, and mobile devices, which make this a very hard problem. ...

**Keywords:** digital rights management, file systems, information leakage, insider abuse, virtual machines

 7 [u-tree: an ordered index structure for NAND flash memory](#)

Dongwon Kang, Dawoon Jung, Jeong-Uk Kang, Jin-Seo Kim

 September 2007 **EMSOFT '07:** Proceedings of the 7th ACM & IEEE international conference on Embedded software

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As NAND flash memory becomes increasingly popular as data storage for embedded systems, many file systems and database management systems are being built on it. They require an efficient index structure to locate a particular item quickly from a huge ...